

DERWENT- 2005-034171
ACC-NO:

DERWENT- 200504
WEEK:

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TITLE: Radio frequency identification tag used in entry and exit management, personal identification, uses soft magnetic board as common core for two resonance circuit

PATENT-ASSIGNEE: MITSUBISHI MATERIALS CORP[MITV]

PRIORITY-DATA: 2003JP-0145619 (May 23, 2003)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 2004348497 A	December 9, 2004	N/A	014	G06K 019/07

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
JP2004348497A	N/A	2003JP-0145619	May 23, 2003

INT-CL (IPC): G06K019/07, G06K019/077 , H01Q001/38 , H01Q007/06 , H04B005/02

ABSTRACTED-PUB-NO: JP2004348497A

BASIC-ABSTRACT:

NOVELTY - A resonance circuit (2) comprising coil (3) and integrated circuit (IC) (4) and a resonance circuit (5) comprising capacitor (7) and a coil (6), use a soft magnetic board (8) as a common core.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for reader/writer antenna.

USE - For entry and exit management, personal identification, etc. Also, suits for antenna (claimed) of radio frequency identification (RFID) tag reader/writer. Also, applicable for other systems using loop antenna.

ADVANTAGE - The RFID tag is manufactured simply at low cost.

DESCRIPTION OF DRAWING(S) - The figure shows the structure of the antenna. (Drawing includes non-English language text).

resonance circuits 2,5

coil 3

integrated circuit 4

capacitor 7

metal plate 10

antenna coil 11

CHOSEN- Dwg.1/12
DRAWING:

TITLE-TERMS: RADIO FREQUENCY IDENTIFY TAG ENTER EXIT MANAGEMENT PERSON
IDENTIFY SOFT MAGNETIC BOARD COMMON CORE TWO RESONANCE
CIRCUIT

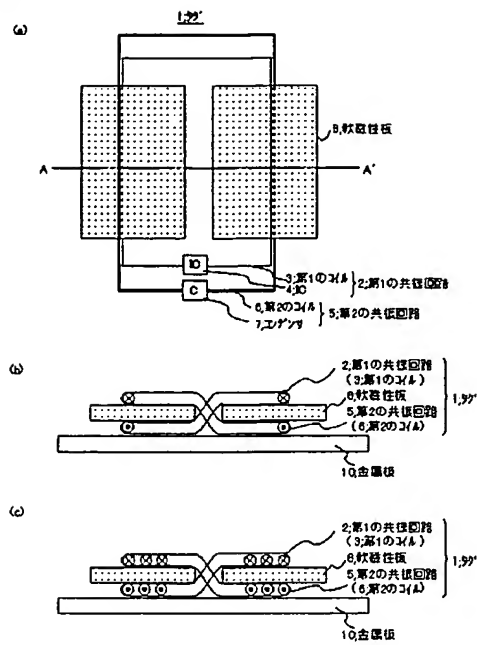
DERWENT-CLASS: T04 T05 W02

EPI-CODES: T04-K; T05-D01A; W02-B01A; W02-G05A;

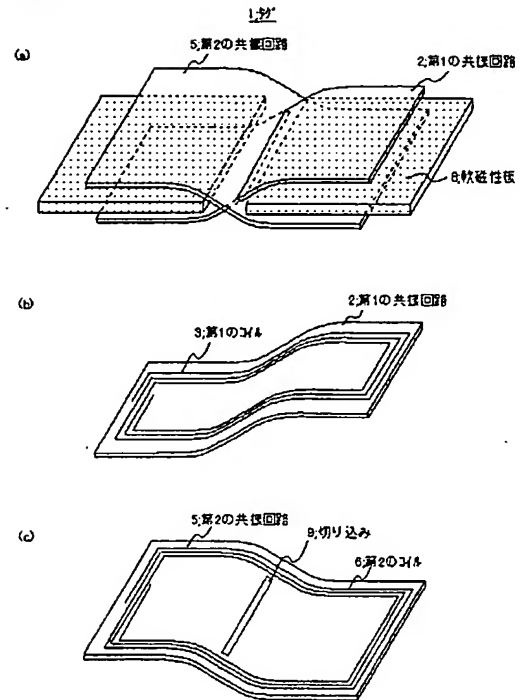
SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N2005-029912

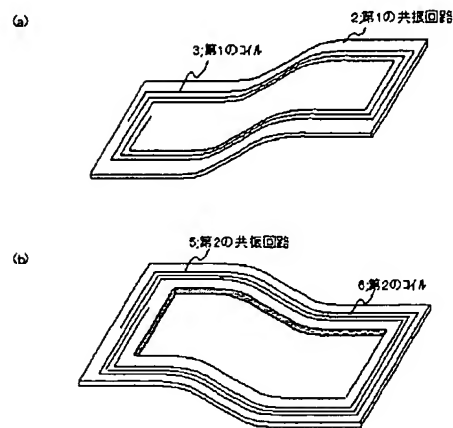
【図 1】



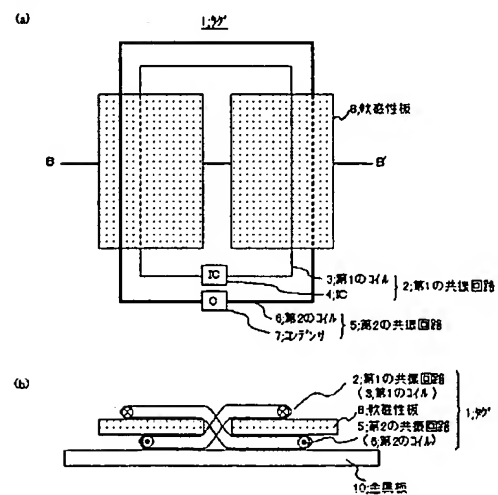
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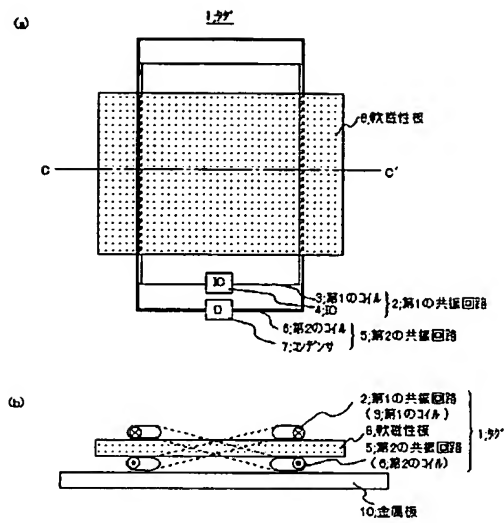
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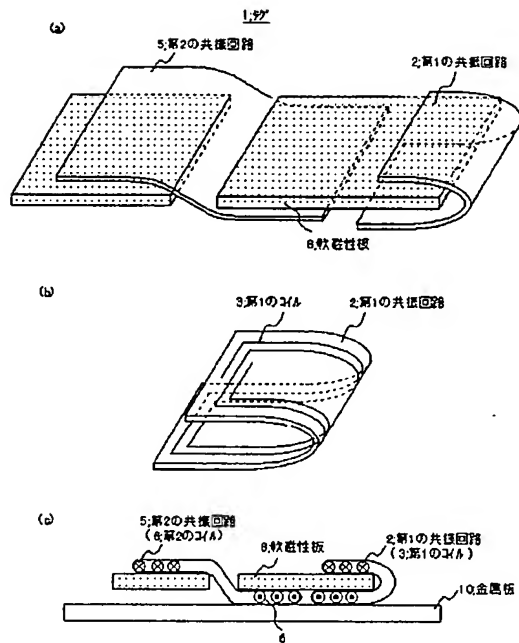
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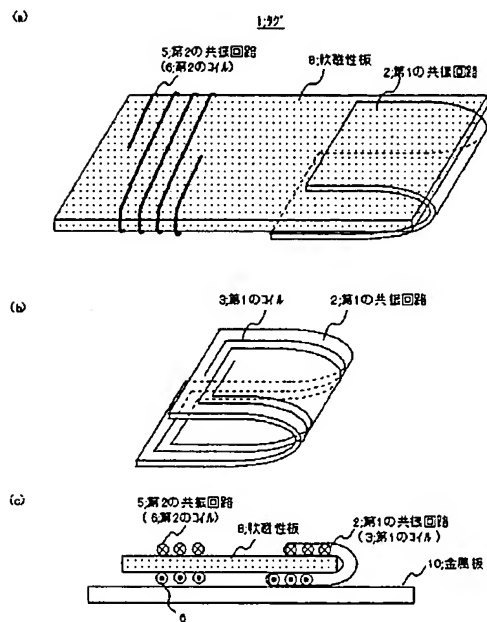
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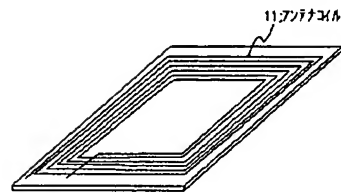
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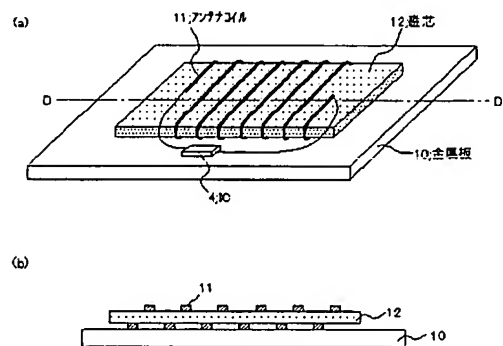
【図 7】



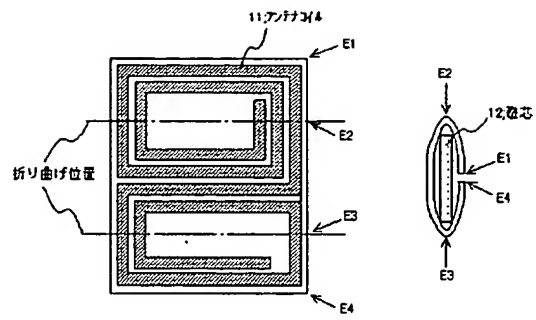
【図 8】



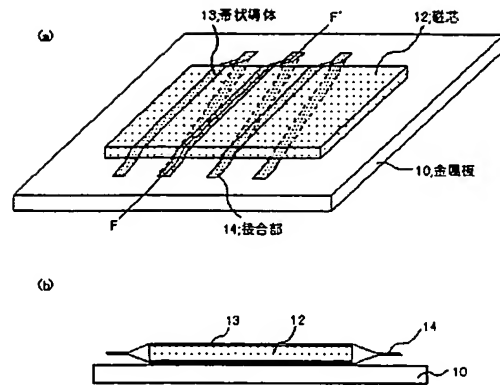
【図 9】



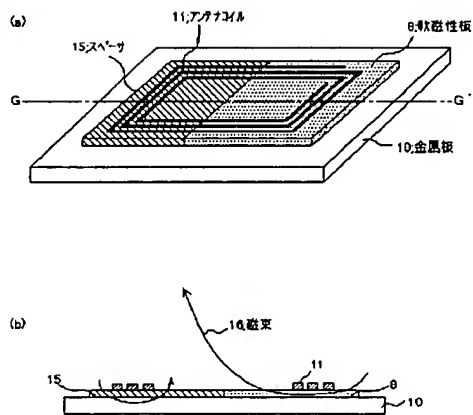
【図10】



【図11】



【図12】



フロントページの続き

Fターム(参考) 5J046 AA09 AA19 AB11 PA01 PA06 PA09
5K012 AB05 AC06 AC08 AC10 BA02